

**ABSTRACT**

A web-based data access system is described that allows users to easily access, manipulate and share information. The users can access the system to create customized  
5 view of the data and share the views with others. The data access system includes a database for storing multidimensional data. Electronic reports are stored as report object on a server and define dimensions and members of multidimensional data that are included in an electronic report. A page generation module executes on the server to access the multidimensional data and format a web page based on the report object. A packet engine  
10 communicates the web page to a client device in a stream of packets for display to the user.